

Abstract

5 A crystallization process for generating a pharmaceutical product from solutions of pharmaceutically active compounds or their reactive intermediates employs fluid jet streams containing pharmaceutically active ingredients, appropriate anti-solvents and/or their reactive intermediates capable of producing a pharmaceutical product with desired particle size characteristics upon mixing, chemical reaction, nucleation and precipitation. The jet streams are directed towards an impinging plate, and mixing occurs as the jet streams impinge the plate at a desired area of impact.